

FIG. 1

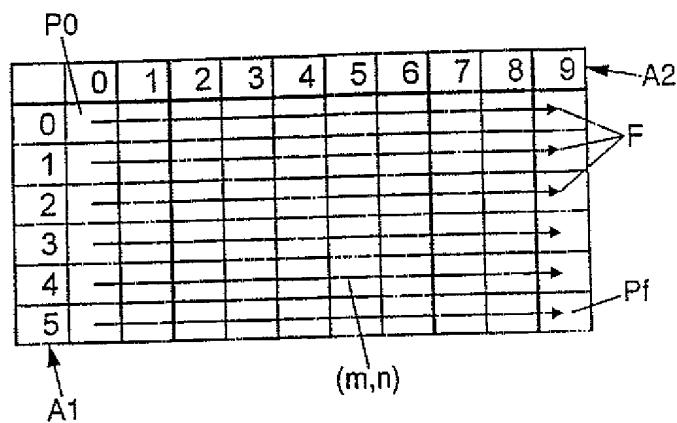


FIG. 2A

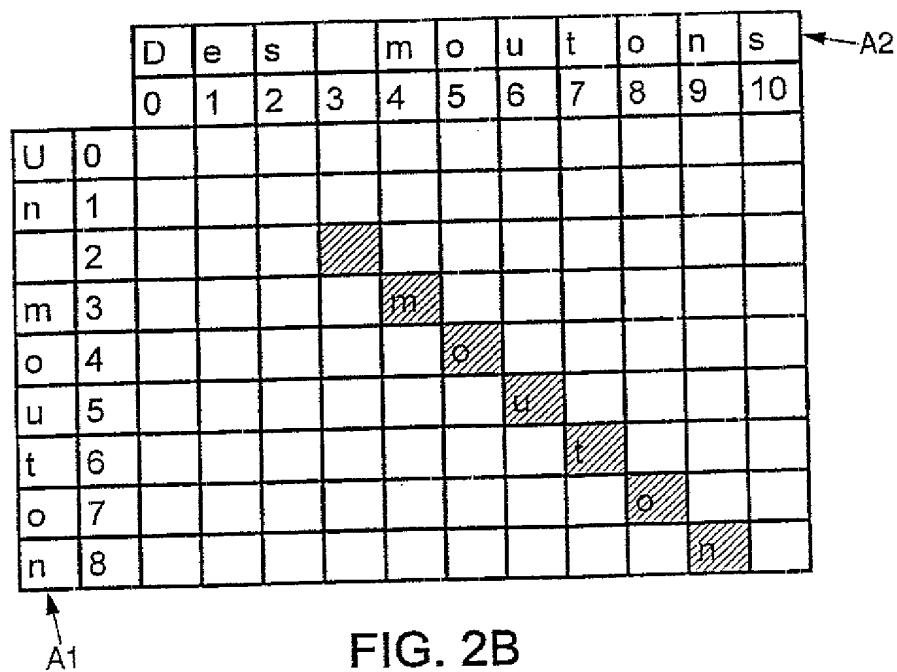


FIG. 2B

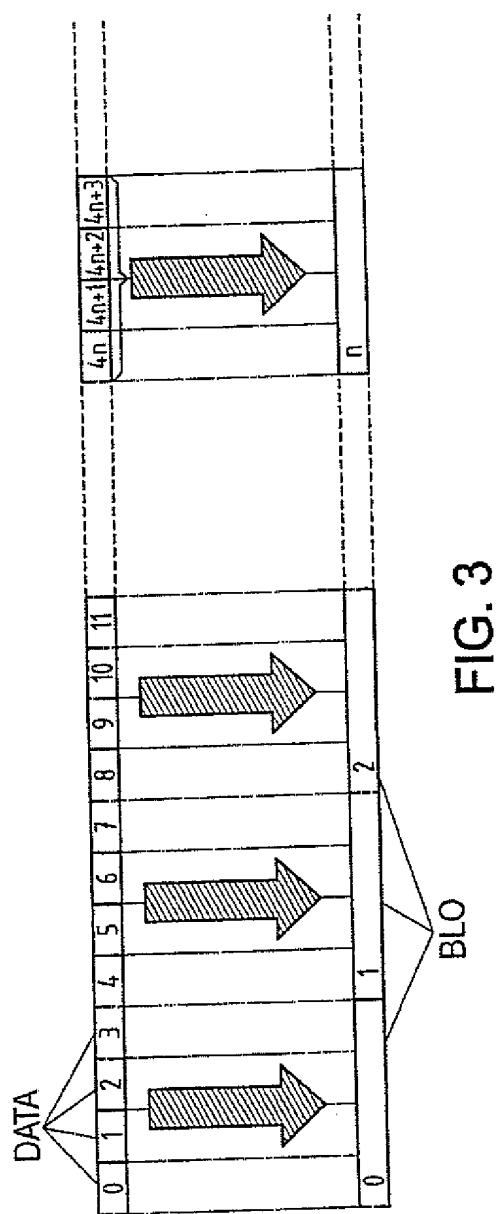


FIG. 3

A crossword puzzle grid showing the word "ROUTINES" filled in vertically from the top-left corner. The grid has several shaded squares, notably a 2x2 block at the bottom-left and a 3x3 block in the middle-right area.

FIG. 4B

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D	e	s	m	o	u	t	o	n	s
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
0	1	2	3	4	5	6	7	8	9
U	0	0							
U	1								
U	2	1							
U	3								
U	4	2							
U	5								
U	6	3							
U	7								
U	8	4							

FIG. 4A

Logical OR	0	1
0	0	1
1	1	1

FIG. 5A

Logical AND	0	1
0	0	0
1	0	1

FIG. 5B

	B0	B1
0	1	0
1	0	1
?	1	1
X	0	0

FIG. 5C

Logical OR	0	1	?	X
0	0	?	?	0
1	?	1	?	1
?	?	?	?	?
X	0	1	?	X

FIG. 5D

Logical AND	0	1	?	X
0	0	X	0	X
1	X	1	1	X
?	0	1	?	X
X	X	X	X	X

FIG. 5E

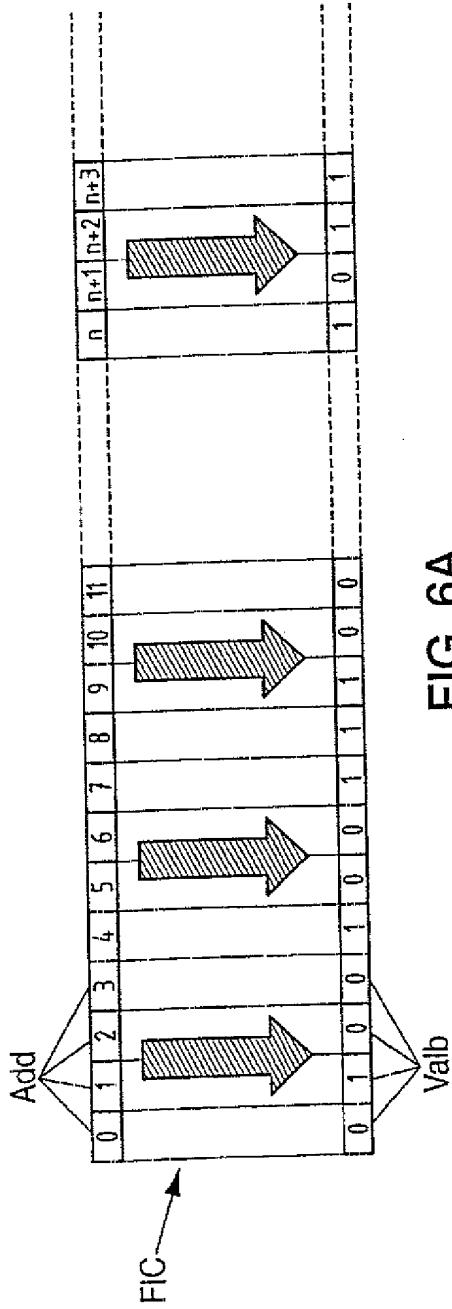


FIG. 6A

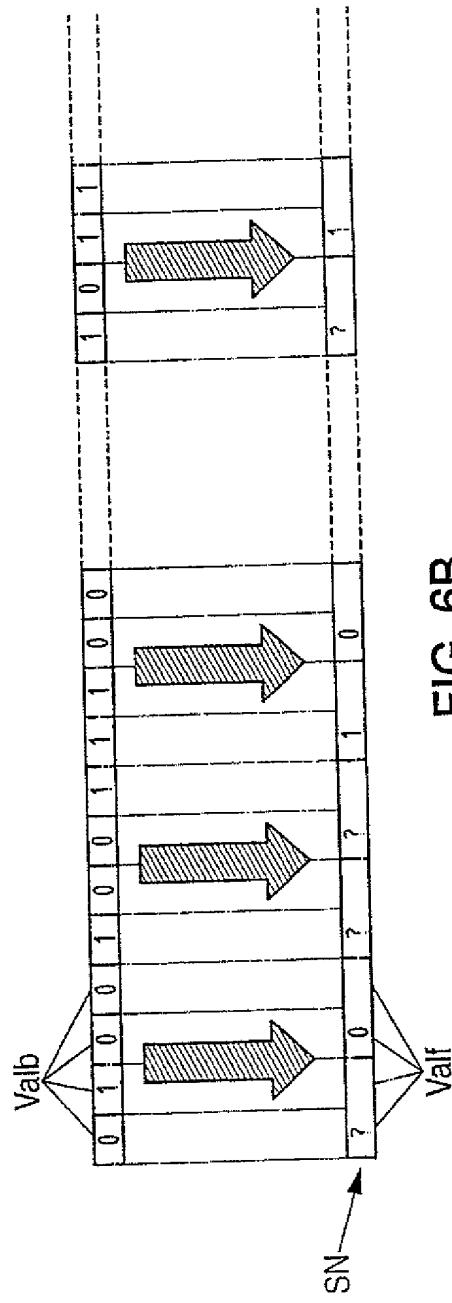


FIG. 6B

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Characters	l	a	t	o	r	e	u	e	
Integer number of the ASCII code	76	97	32	116	111	114	116	117	101
Addresses of the data	0	1	2	3	4	5	6	7	8
Binary states	0	0	0	1	1	1	1	1	0
Fuzzy states (index ratio of 2)	0		?		1		1		0
Fuzzy states with an index ratio of 3	0			1			?		
Fuzzy states with an index ratio of 4	?				1				0

FIG. 7A

L	e		l	i	è	v	x	e
76	101	32	108	105	232	118	114	101
0	1	2	3	4	5	6	7	8
0	0	0	0	0	1	1	1	0
0		0	?			1		0

L	a		t	o	x	t	u	e
76	97	32	116	111	114	116	117	101
0	1	2	3	4	5	6	7	8
0	0	0	1	1	1	1	1	0
0		?		1		1		0

FIG. 7B

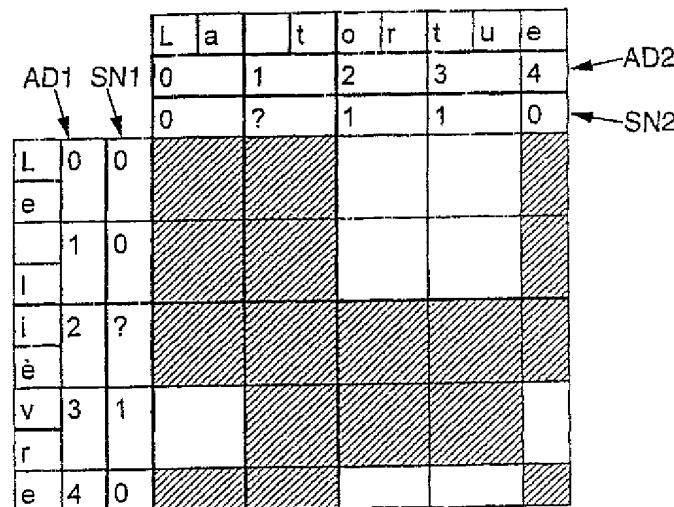


FIG. 7C

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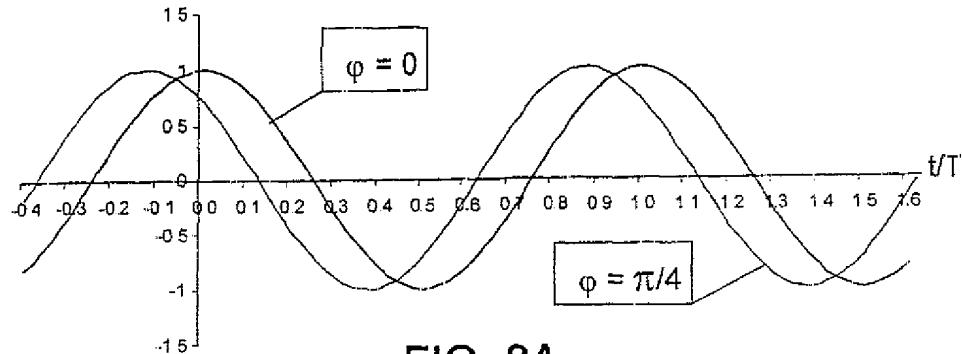


FIG. 8A

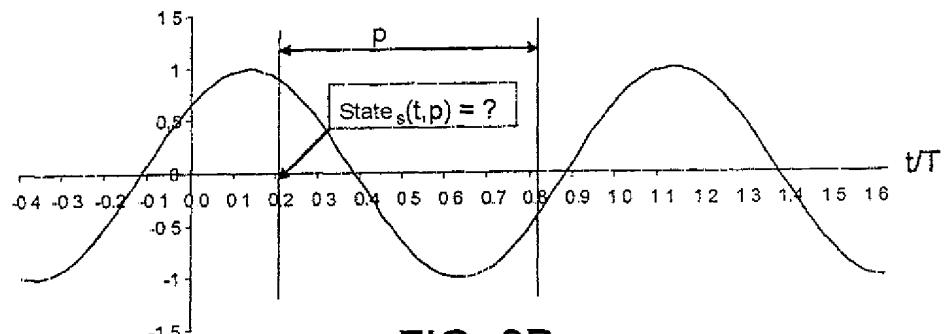


FIG. 8B

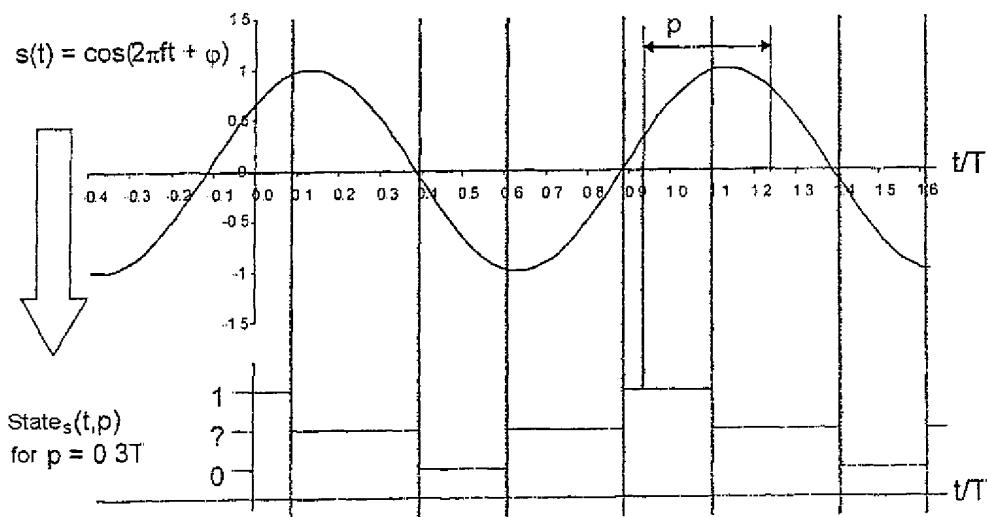


FIG. 8C

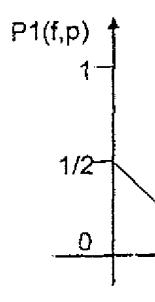


FIG. 9A

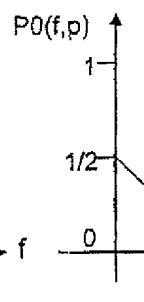


FIG. 9B

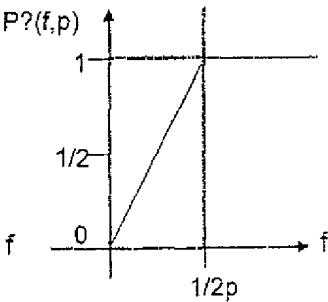


FIG. 9C

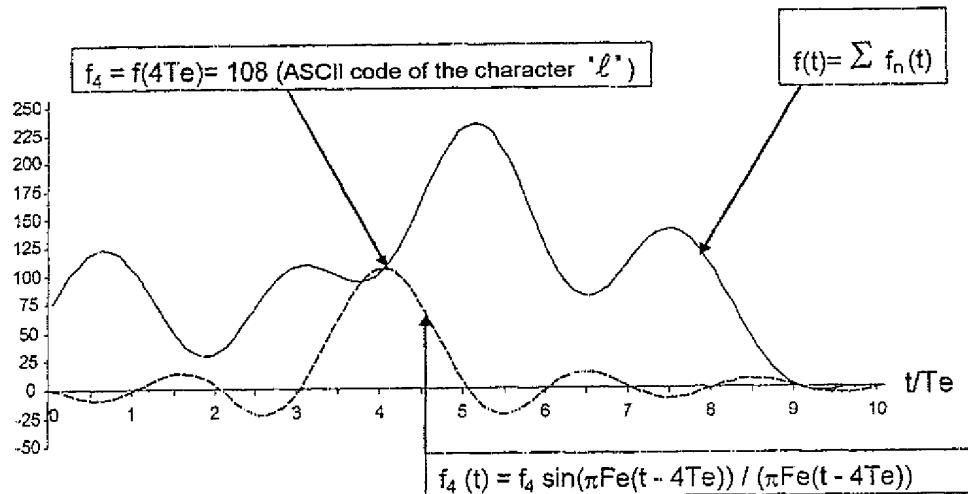


FIG. 10

$$P_1(f,3) = P_0(f,3)$$

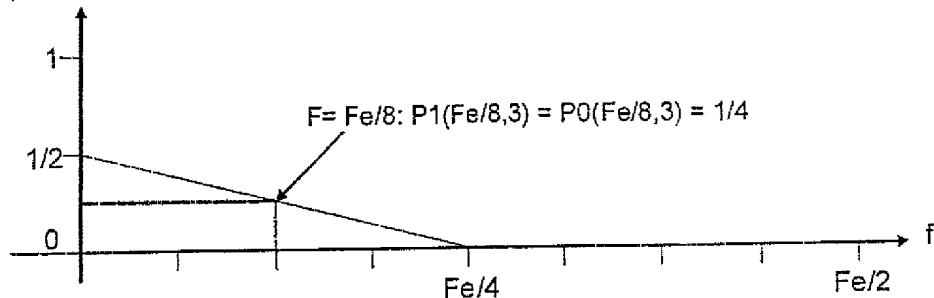


FIG. 11

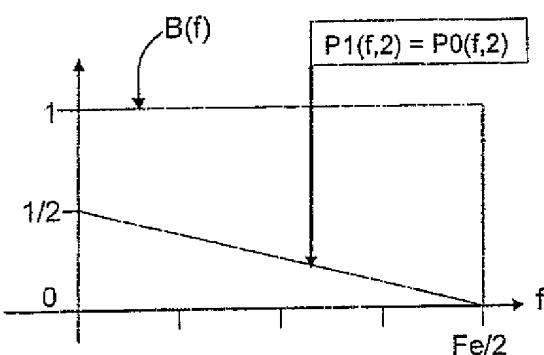


FIG. 12A

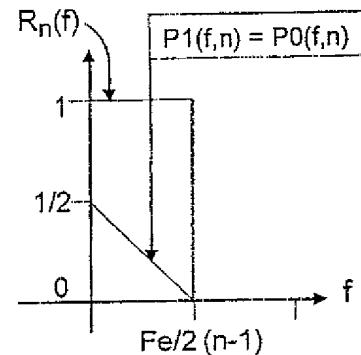


FIG. 12B

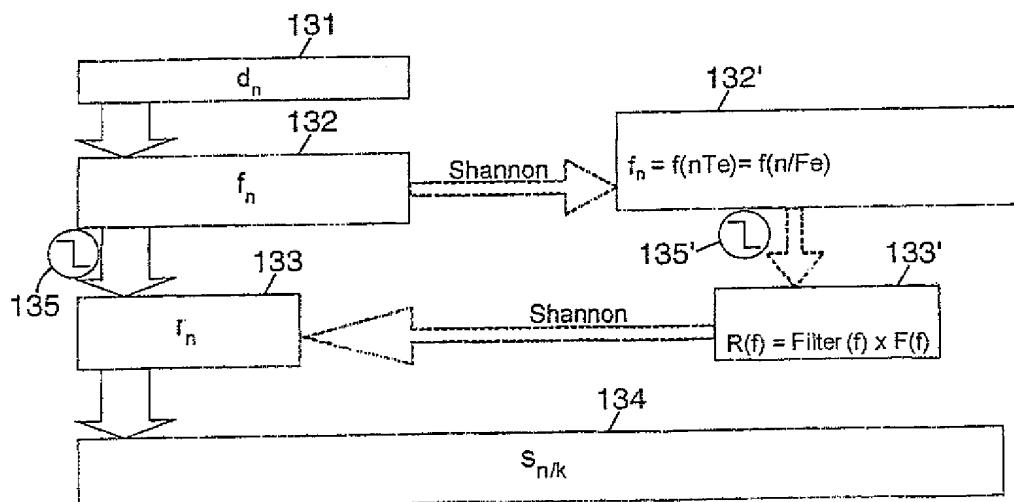


FIG. 13

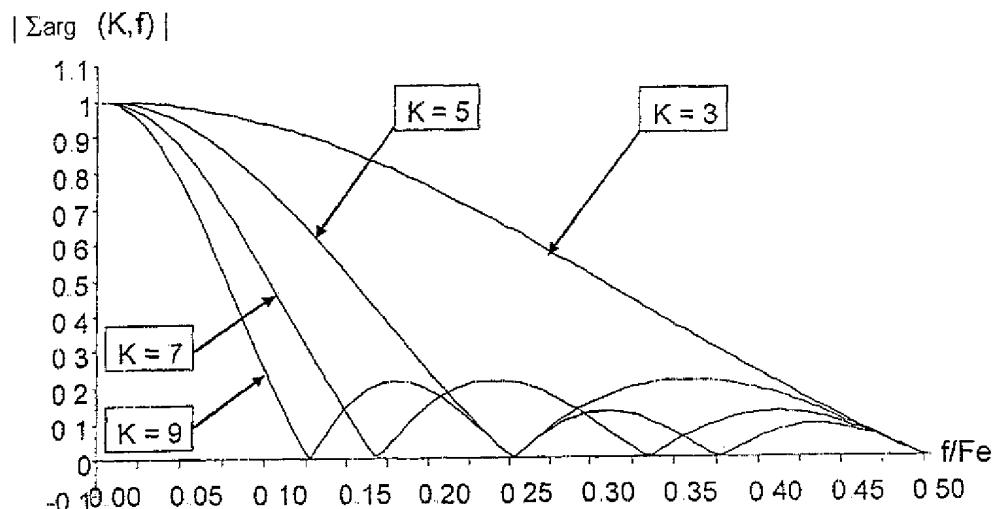


FIG. 14

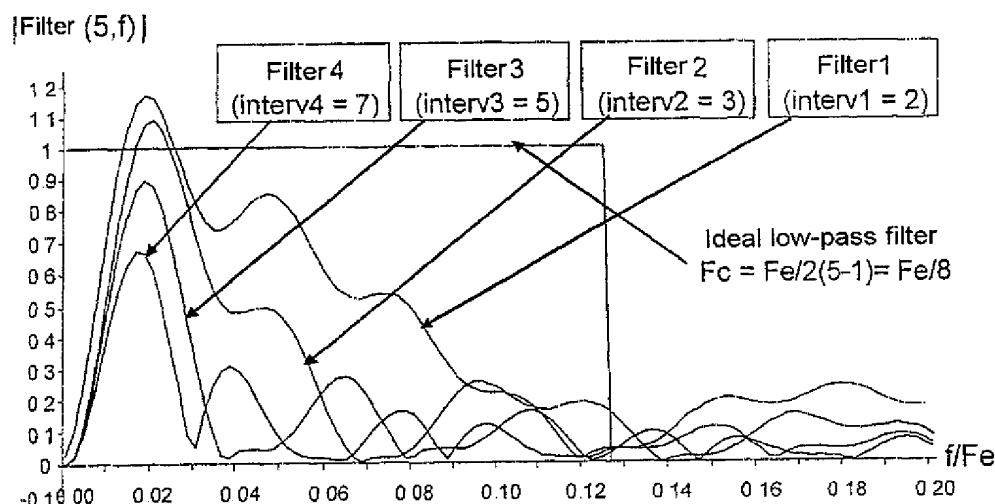


FIG. 15

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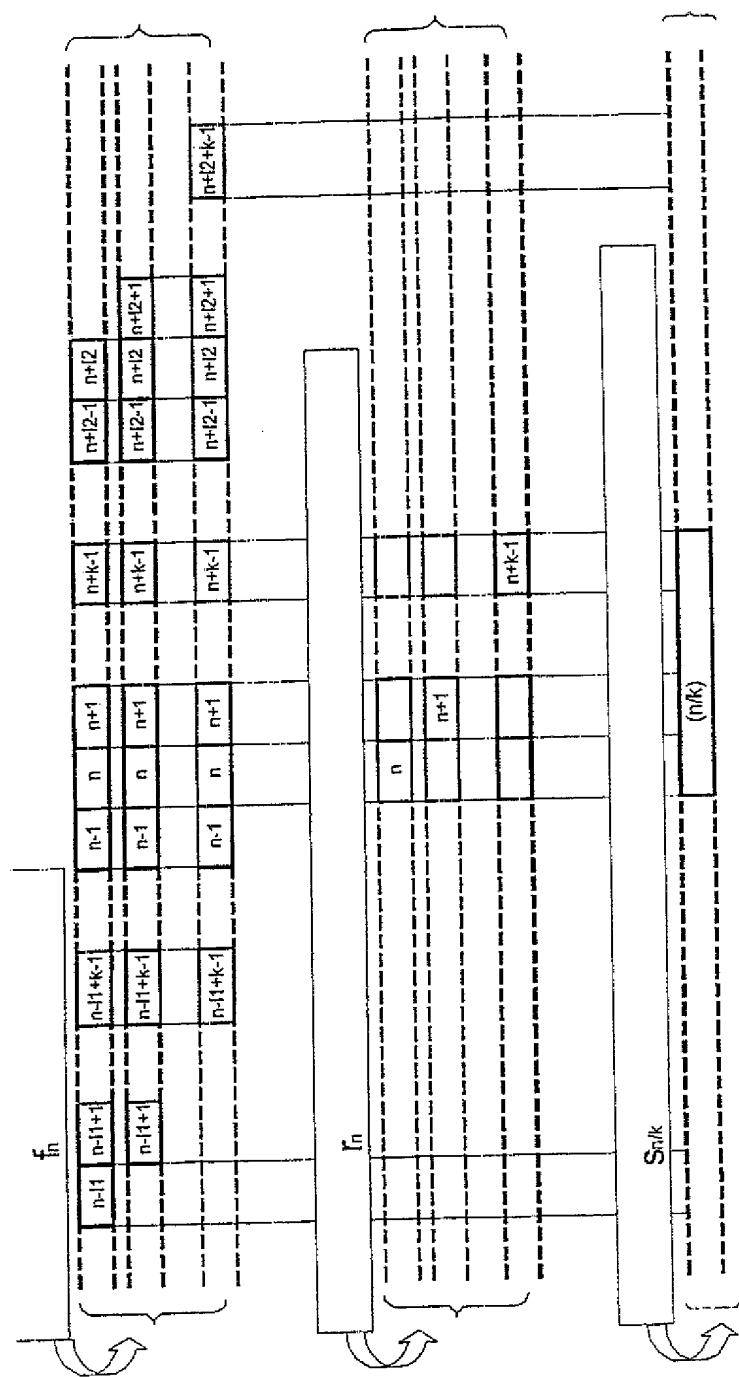


FIG. 16A

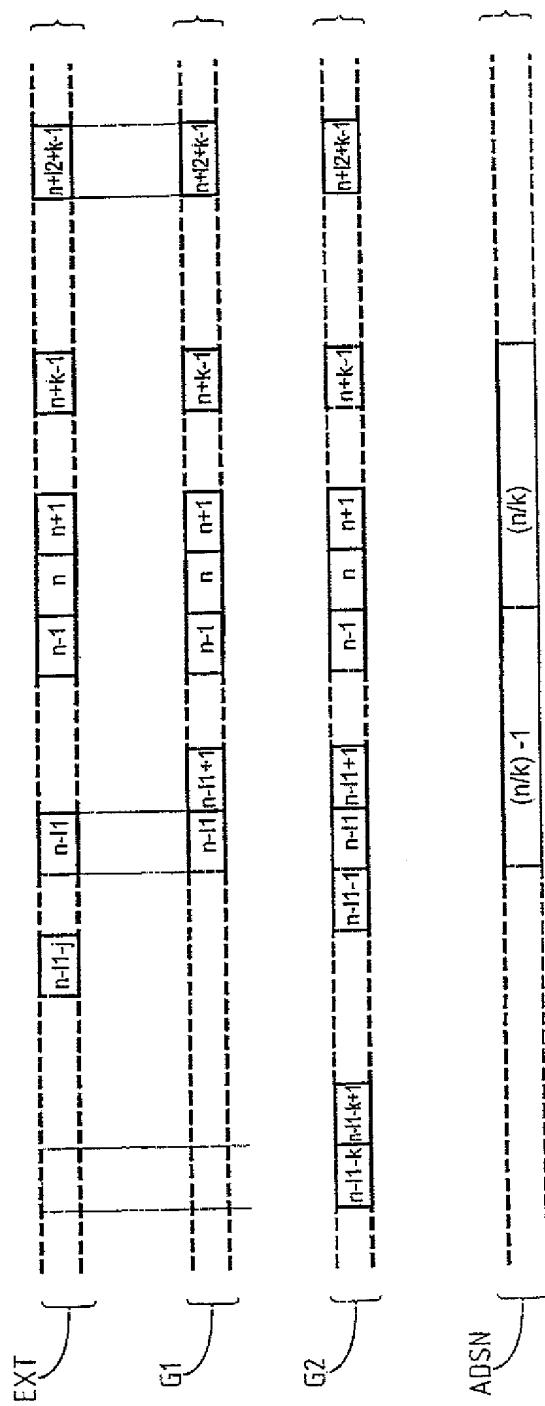


FIG. 16B

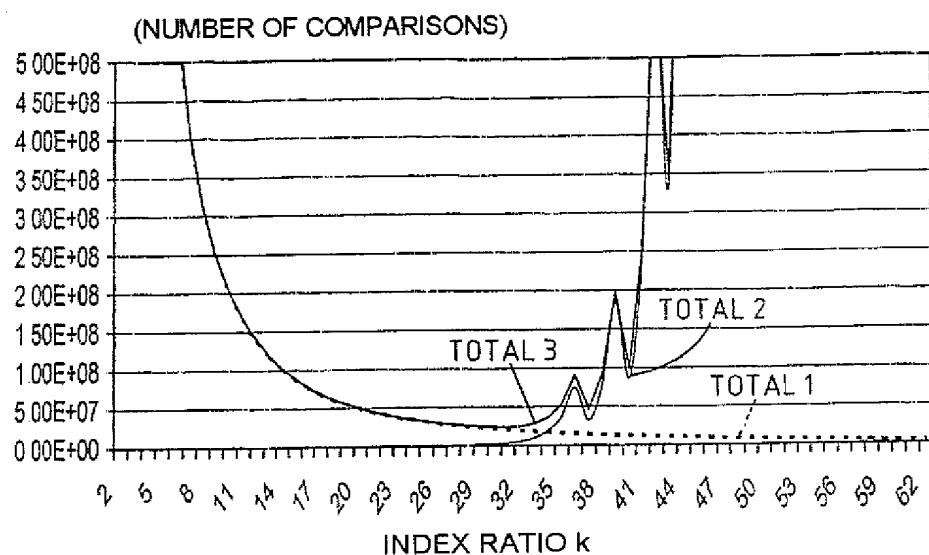


FIG. 17

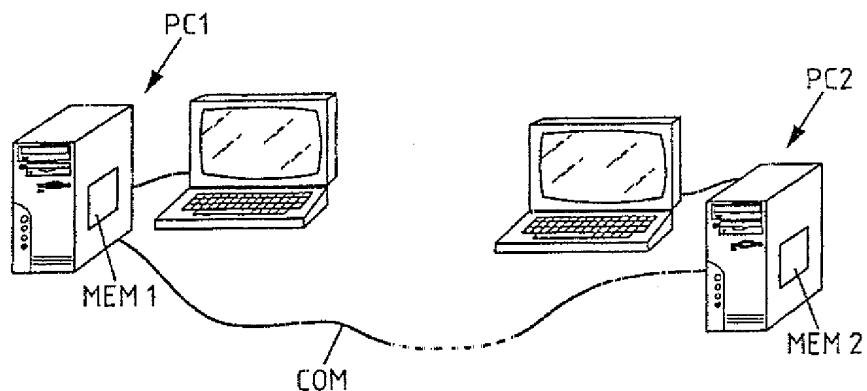


FIG. 18

FIG. 19A

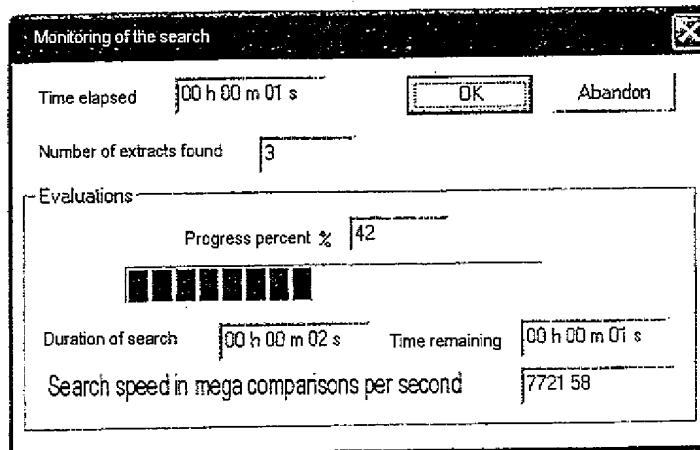
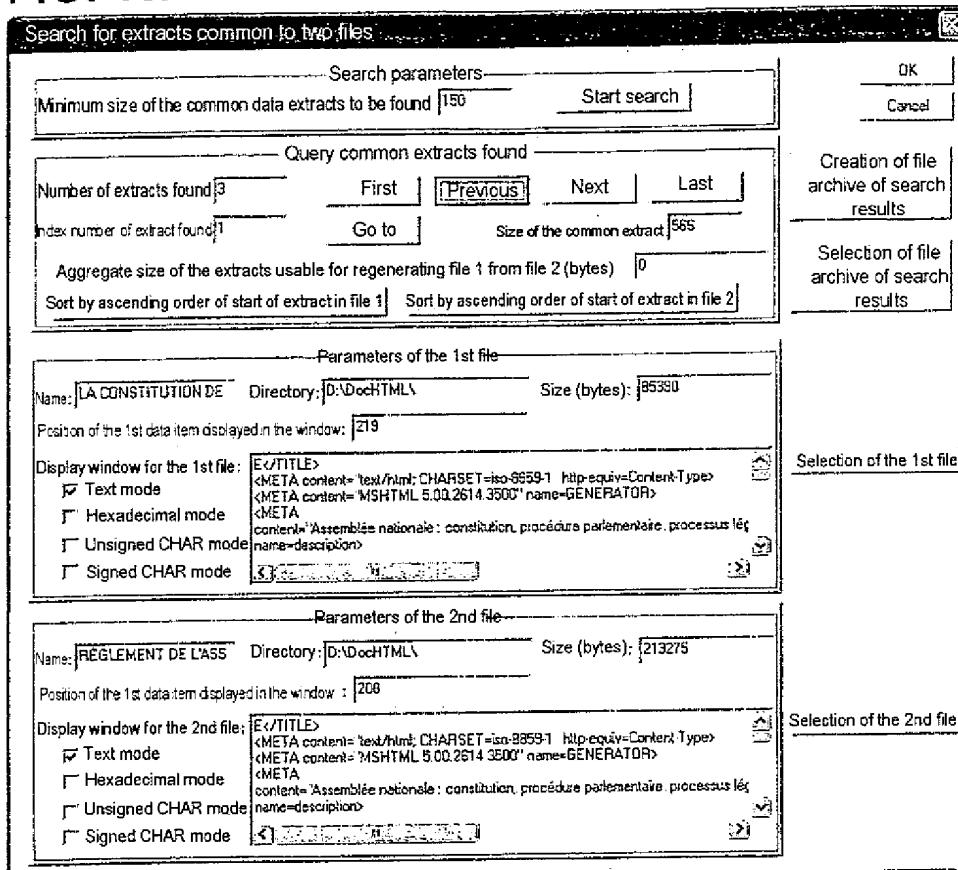


FIG. 19B

**Identification of audio extracts of a WAVE format recording file**

Search parameters					
Accuracy of the search (Hz):	5	Minimum duration of extract (sec):	20	Start search	OK
Noise (as % of the max level):				Cancel	
<b>Query common extracts found</b>					
Number of extracts found:	83	First	Previous	Next	Last
Index number of extract found:	1	Go to	Duration of the current extract: 0 h 03 m 00 s 00		
Save signature of extract		Aggregate duration of extracts found: 0 h 37 m 15 s 60			
<b>Parameters of the recording to be analyzed</b>					
Name:	FM 20040303_09350F	Directory:	D:\AudioRadio\PMV	Duration:	1 h 00 m 00 s 00
References:	Audio source FM Reception Paris: 103.9 MHz				
Audio digitization format:	[1]				
Duration of the extract found:	From:	To:			
<b>Parameters of the base of reference recordings</b>					
Number of recordings:	244	First	Previous	Next	Last
Index number of recording:	1	Go to	Close	Variables	Aggregate duration of the base: 41 h 31 m 14 s 20
Name:	01-Jazz.wav	Directory:	D:\AudioWave\Claude\	Duration:	0 h 02 m 26 s 40
References:	Format of audio digitization: PCM 44 100 kHz; 16 bits; Stereo				
Time span of digital signature:	Start: 0 h 00 m 00 s 00				
Duration of the extract found:	From:	To:			

FIG. 19C

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**Recording of audio digital signatures**

Characteristics of the audio recording channel																																
Audio line	Wave Out Mix																															
Format	PCM 22.050 kHz; 16 bits; Mono																															
State	Presence of audio signal																															
View meter <input type="checkbox"/> 71																																
<input type="button" value="OK"/> <input type="button" value="Cancel"/>																																
<table border="1"> <tr> <td colspan="2">Recording schedule programming</td> </tr> <tr> <td><input checked="" type="checkbox"/> [activated]</td> <td>Start time</td> <td>16 h 30 m 0 s</td> <td>Date (ddmmy)</td> <td>15 / 3 / 2004</td> </tr> <tr> <td><input type="checkbox"/> Deactivated</td> <td>End time</td> <td>13 h 0 m 0 s</td> <td>Date (ddmmy)</td> <td>15 / 3 / 2004</td> </tr> <tr> <td colspan="5"><input checked="" type="checkbox"/> Segmentation of recording files (ceiling duration) 2 h 0 m</td> </tr> </table>		Recording schedule programming		<input checked="" type="checkbox"/> [activated]	Start time	16 h 30 m 0 s	Date (ddmmy)	15 / 3 / 2004	<input type="checkbox"/> Deactivated	End time	13 h 0 m 0 s	Date (ddmmy)	15 / 3 / 2004	<input checked="" type="checkbox"/> Segmentation of recording files (ceiling duration) 2 h 0 m																		
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FIG. 19D